

EAST Search:

BRS L1 111 periplasm? USPAT 2009/03/10 17:05
BRS L2 1 periplasm?.clm. USPAT 2009/03/10 17:05
BRS L3 9 l1 and nuclease USPAT 2009/03/10 17:08

NOTE: US 6,010,897 teaches:

(18) When coliform host bacteria are used, as is described in particular in EP 0 077 664, it is attempted to circumvent this disadvantage by sluicing out the target polypeptide into the periplasmatic space, as a result of which a degree of containment is achieved which is intended to offer protection against proteolytic degradation and easier access to the target polypeptide upon cell decomposition. However, this mode of expression brings other disadvantages with it, which for their part now again impede a technically efficient production of the SAK target polypeptides. This has the following causes:

(19) The secretion of large quantities of target polypeptides (such as are necessary for a technically efficient product production) into the ~~periplasm~~ of gram-negative host cells overtaxes the secretory apparatus of these cells and leads to the physiological collapse of the microorganisms.

STN:

(FILE 'HOME' ENTERED AT 17:46:08 ON 10 MAR 2009)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, JAPIO' ENTERED AT 17:47:13 ON 10 MAR 2009

L1 35716 S PERIPLASM?
L2 297 S L1 AND NUCLEASE
L3 77 S L2 AND SECRET?
L4 77 S L2 AND SECRE?
L5 36 DUP REM L4 (41 DUPLICATES REMOVED)